

CLAIMS:

1. A method of displaying a graphical user interface (GUI) widget,
comprising:
- 5 determining the distance D between a displayed GUI widget and a
displayed selection pointer; and
scaling the visual size of the displayed GUI widget based on the
distance D.
- 10 2. The method of claim 1, further comprising:
defining a mass value m associated with the displayed GUI widget;
defining a mass value M associated with the displayed selection
pointer; and
scaling the visual size of the displayed GUI widget based on the
15 mass values m and M and the distance D.
3. The method of claim 2, further comprising:
calculating $B = \sqrt{m/M}$; and
scaling the visual size of the displayed GUI widget as a function of
20 B.
4. The method of claim 2, further comprising:
calculating a force value $F = m \cdot M / D^2$; and
scaling the visual size of the displayed GUI widget as a function of
25 the force value F.

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5. A computer-usable medium storing a computer program product for displaying a graphical user interface (GUI) widget, comprising:

- means for determining the distance D between a displayed GUI widget and a displayed selection pointer; and
- means for scaling the visual size of the displayed GUI widget based on the distance D.

6. The computer-usable medium of claim 5, further comprising:

- means for defining a mass value m associated with the displayed GUI widget;

means for defining a mass value M associated with the displayed selection pointer; and

- means for scaling the visual size of the displayed GUI widget based on the mass values m and M and the distance D.

7. The computer-usable medium of claim 5, further comprising:

means for calculating $B = \sqrt{m/M}$; and

- means for scaling the visual size of the displayed GUI widget as a function of B.

8. The computer-usable medium of claim 5, further comprising:

means for calculating a force value $F = m \cdot M / D^2$; and

- means for scaling the visual size of the displayed GUI widget as a function of the force value F.

9. A computer system, comprising:
a display;
a graphical user interface (GUI) presented by the display;
5 a widget displayed in the GUI, the widget having a mass value m
associated therewith;
a selection pointer displayed in the GUI, the selection pointer
having a mass value M associated therewith;
means for determining a distance D between the displayed widget
10 and selection pointer; and
means for scaling the visual size of the displayed widget based
on the mass values m and M and the distance D .
10. The computer system of claim 9, further comprising:
15 means for calculating $B = \sqrt{m/M}$; and
means for scaling the visual size of the displayed widget as a
function of B .
11. The computer system of claim 9, further comprising:
20 means for calculating a force value $F = m \cdot M / D^2$; and
means for scaling the visual size of the displayed widget as a
function of the force value F .

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